



August 2, 2007

Vol. 12, No. 56

## Leak found on Endeavour to be fixed today

◆ **Shuttle Update:** At Launch Pad 39A, Endeavour's payload bay doors have been closed for flight. Functional testing of the spacesuits is complete. The shuttle ordnance connections have been made. Orbiter aft closeout work continues. Engineers are working to resolve an abnormal leak rate in the orbiter crew cabin. The problem has been traced to one of two positive pressure-relief valves which ensure that the crew cabin does not become over-pressurized. A plan has been approved to remove and replace the suspect valve using a valve from Atlantis. This work will be completed today.

After further analysis of data, engineers have determined that it will not be necessary to remove and replace thermostats on APU No. 1. The thermostat data characteristic, while not customary, is not in violation of specifications and is understood by engineers. Therefore, this will not require further action prior to the STS-118 mission.

◆ **ELV Update:** Friday's scheduled launch of NASA's Phoenix Mars Lander aboard a United Launch Alliance Delta II rocket was postponed 24 hours. The two available launch times on Saturday are 5:26:34 a.m. and 6:02:59 a.m.

Due to a forecast for severe weather around the CCAFS launch pad on Tuesday afternoon, fueling of the second stage was not completed. Fueling was finished Wednesday but there was insufficient contingency time in the schedule to move forward with the launch on Friday.

■ **KSC Fitness Centers' 2007 Intercenter Walk-Run** — The KSC Fitness Centers will be sponsoring the Intercenter

Walk-Run at 5 p.m. on Sept. 18 at the Shuttle Landing Facility. The 2-mile walk-run, 5K run and 10K run are **free** for all spaceport employees. Stop by either fitness center by Sept. 14 to pre-register. Late registration will take place at the race. T-shirts may be ordered at any NASA Exchange store beginning Aug. 13. The order deadline for T-shirts is Sept. 7 with approximate delivery and pickup date of Sept. 17. If you are interested in being a volunteer, please call 867-7829 or e-mail Debra Orringer at [Debra.L.Orringer@nasa.gov](mailto:Debra.L.Orringer@nasa.gov) with any questions.

■ **NASA Exchange Jewelry Sale** — The jewelry sale will be in the MFF cafeteria from 8 a.m. to 5 p.m. today and Friday. Items range from \$5 to \$10. Acceptable forms of payment are cash, Visa or MasterCard only – no checks.

■ **Ride And Drive The Clean Energy Liquid-Hydrogen-Fueled BMW Hydrogen 7** — This week is your chance to ride and drive the technology loaded BMW Hydrogen 7. Look for the canopy and the Clean Energy vehicle in the parking lot at the locations and times below. You will need a valid driver's license and must register with the BMW representative at the vehicle.

**Today:** OPF III, 8 to 10 a.m.; SSPF, 11 a.m. to 1 p.m.; OSB II, 2 to 4 p.m.

**Friday:** O&C, 8 to 10 a.m.; LCC, 11 a.m. to 1 p.m.; HQ, 2 to 4 p.m.

■ **KSC Library Archives Photo Display In August** — The KSC Library Archives regularly exhibits its collection of historical photographs for viewing by the KSC community. The display case is lo-

## Phoenix launch set for Saturday

cated between Headquarters Building rooms 1533 and 1537, across from the post office. The archives feature the 45th anniversary of Kennedy Space Center in a photo exhibit of early construction, as well as progressive construction, of the center. Further information may be obtained by calling the KSC Library Archives at 867-2407.

■ **Education Opportunities — Warner Southern College** is offering a bachelor's degree program in organizational management at its Titusville location beginning in early September. The format of the program is for adult students who apply their professional learning to the coursework. Classes will be held Tuesday evenings and one Saturday per month for 16 months. Warner Southern also offers associate's and master's programs. Please call 254-4096 or 751-4665 for details.

**Barry University** will be hosting an Open House from 10 a.m. to 1 p.m. on Saturday at its Home Depot Plaza site located at 135 E. Merritt Ave. on Merritt Island. Barry offers five, eight-week terms per year with classes scheduled evenings and weekends. The fall semester begins Aug. 13. For more information or to meet with an advisor, please call 321-453-6253 or e-mail Lynn Grant at [lgrant@mail.barry.edu](mailto:lgrant@mail.barry.edu).

*Countdown* is published every Tuesday & Thursday for NASA KSC employees. Deadlines are 10 a.m. Mondays & Wednesdays. E-mail news to [anita.barrett@jpsc.ksc.nasa.gov](mailto:anita.barrett@jpsc.ksc.nasa.gov). For questions or information, e-mail or call 321-867-2815. You can also find *Countdown* on the Web at [nasa.gov/centers/kennedy/news/countdown/countdown-toc.html](http://nasa.gov/centers/kennedy/news/countdown/countdown-toc.html).